Application Checklist for the IDP:

☐ IDP Application Form

☐ Three Letters of Recommendation (if UC Davis cumulative GPA <3.5)
  - UCD Faculty (at least 2)
  - Community College faculty – for transfer students
  - Industry Mentor
University of California, Davis  
Department of Electrical and Computer Engineering  
Integrated Degree Program (BS/MS) Application

Application Deadline  
Last Business Day of March

________________________________          ______________           ____________        ____________________  
Applicant Family name                                         first                        middle  Student ID

Email address:    __________________________________________  
Mailing address:    __________________________________________  
                                                                 number/street  
                                                                 City,                          State Zip                     Country

Telephone:    ___________________________ day / AREA CODE & NUMBER   ______________ eve / AREA CODE & NUMBER

GPA:   _______________    Major (EE, CE, EE/MS, EE/CE, other): ______________

Anticipated BS graduation date:    ___________________________  
Country of Citizenship:    ___________________________  
If you are not a US Citizen, are you a permanent resident?   __________  
Are you a legal resident of California for tuition purposes?   __________  
Date of Birth:   ______________ MM/DD/YYYY

References - Applicants with a UC Davis cumulative GPA of 3.5 or greater should list three ECE professors that know you well. Applicants with a UC GPA of 3.2 – 3.5 should request three letters of recommendation and list the names and positions below. Letters should be submitted on the form provided and sent directly to the ECE Department (Attn: Undergraduate Program Officer).

<table>
<thead>
<tr>
<th>Name</th>
<th>Title / Affiliation</th>
<th>E-mail</th>
<th>Telephone</th>
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LETTER OF RECOMMENDATION FORM

Return to:
Undergraduate Program Officer
Department of Electrical & Computer Engineering
UC Davis
One Shields Avenue
Davis, CA   95616

(Please print)
Name of applicant: __________________________________________________________________________________

Last Name (family name)  First Name (given name)  Middle Name

Student ID #: ______________________________

Application for Fall Quarter 2________   Application Deadline: _________________________

To Recommender:

We would appreciate your opinion of the person named above who is applying for admission to the Integrated Degree Program. How long and in what capacity have you known the applicant? What are your personal impressions of the candidate’s intellectual, research and professional skills; promise of productive scholarship; motivation; communication skills; and ability to work independently? If necessary, use the other side of this sheet or attach another sheet.

Because the University of California, Davis is in compliance with Section 504 of the Rehabilitation Act of 1973, we discourage you from referring directly or indirectly to an applicant’s disability.

IMPORTANT: Please rate this student in overall promise for success in graduate school. Check appropriate box.

<table>
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<tr>
<th>INADEQUATE OPPORTUNITY TO OBSERVE</th>
<th>BELOW AVERAGE (Lowest 40%)</th>
<th>AVERAGE (40% - 60%)</th>
<th>ABOVE AVERAGE (60% - 85%)</th>
<th>OUTSTANDING (85% - 95%)</th>
<th>EXCEPTIONAL (Top 5%)</th>
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Recommender’s Name ______________________________________________________________________

Position or Title: ___________________________ at ___________________________________________

Address: _______________________________________________________________________________

Telephone Number: __________________________ E-mail address: ________________________________

Date: __________________________ Signature: ____________________________________________
EDUCATION

List below, in chronological order, all institutions of college level you attended or are attending now; include all regular, concurrent, and/or summer studies regardless of attendance, and provide a transcript from each one.)

<table>
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<tr>
<th>NAME OF INSTITUTION</th>
<th>ENROLLED FROM : TO</th>
<th>TYPE OF DEGREE AWARDED</th>
<th>DATE AWARDED OR EXPECTED</th>
<th>GPA</th>
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Have you ever received a Graduate degree from UC Davis? ____________________
   If yes, indicate which program of study ____________________ degree awarded ________________

Have you ever applied to Graduate School at UC Davis? ____________________
   If yes, indicate which quarter and year ________________

Have you ever enrolled in a graduate program at UC Davis and not completed your intended degree objective? ________
   If yes, indicate why a degree was not awarded ____________________

List honor societies, prizes, and special distinctions, if any: ____________________

List publications and inventions, if any: ____________________

________________________
________________________
________________________
AREAS OF INTEREST

Indicate the three areas closest to your research interests in order of preference:
(with 1 being the highest priority, 2 the next priority and 3 the lowest priority)

Communications, Signal and Image Processing:
   ___ Communication Theory
   ___ Wireless Communications and Networking
   ___ Image Processing
   ___ Digital Signal Processing
   ___ Information Theory and Coding

Electronic Circuits:
   ___ Analog and Mixed-Signal Integrated Circuit Design
   ___ RF Integrated Circuit Design
   ___ Power Management for Integrated Circuits

RF, Micro- and Millimeter Waves:
   ___ Radar, Remote Sensing, and Microwave Processing
   ___ High Speed Communications
   ___ Biosensors and Electromagnetic Materials
   ___ Microwave Circuits and Device Modeling
   ___ Microelectronic Systems Packaging and Signal Integrity

Solid-State Electronic Devices:
   ___ Electronics Materials
   ___ Integrated Circuit Micro/Nano Fabrication
   ___ Nanotechnology: Nanotubes, Nanowires and Molecules
   ___ Field Emitter Arrays
   ___ Silicon-on-Insulator (SOI) Device Physics and Processing

Systems and Control:
   ___ Control systems
   ___ Optimization with Applications

Computer Engineering:
   ___ Compiler Optimization
   ___ Computer Architecture
   ___ Computer Arithmetic and VLSI Algorithms
   ___ Digital and Computer System Design
   ___ Digital Integrated Circuits and VLSI Design
   ___ Embedded Systems and Digital Signal Processing
   ___ Fault-Tolerant Computing
   ___ Graphics Systems and Architecture
   ___ Networking (including Wireless)
   ___ Reconfigurable System Design
   ___ Electronic Design Automation

Optoelectronics:
   ___ Nanophotonics
   ___ Optical Networks
   ___ Optical Materials
   ___ Optical Sensors
   ___ Biophotonics
   ___ Organic Optoelectronic Materials
Statement of Purpose

Please describe your motivation, academic preparation and aptitude for graduate study at UC Davis. You should describe your academic plans and research interests, your specialization within your academic field, your research experiences and your career goals. Please limit your statement to 500 words maximum.
Personal History Statement

In an essay, discuss how your personal background informs your decision to pursue a graduate degree. Please include any educational, familial, cultural, economic, or social experiences, challenges, or opportunities relevant to your academic journey; how your life experiences contribute to the social, intellectual, or cultural diversity within your chosen field; and/or how you might serve educationally underrepresented segments of society with your degree. Please limit your statement to 500 words maximum.
I certify that all the information in my application is accurate and true.

Signature: ____________________________ Date: ________________