

PROBABLE SCHEDULE

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|------|----------------|--|
| 2021 | Spring Classes | Fall Classes-15hrs |
| | | EMCH 201(Intro to Applied Numerical Methods) |
| | | EMCH 260(Intro to Mechanics of Solids) |
| | | EMCH 290(Intro to Thermodynamics) |
| | | EMCH 310(Dynamics) |
| | | EMCH 380(Project Management) |

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|------|--------------------------------------|---|
| 2022 | Spring Classes-18 hrs | Fall Classes-19hrs |
| | EMCH 308(Introduction to FEA) | CSCE 212(Intro. To Computer Architecture) |
| | CSCE 211 (Digital Logic Design) | ELCT 201(Introductory Elect. Engr. Lab) |
| | ELCT 221 (Circuits) | ELCT 222(Signals & Systems) |
| | EMCH 327(Machine Design) | EMCH 360(Fluid Mechanics) |
| | ELCT 361(Electromagnetics) | EMCH 361(Laboratory 1) |
| | ELCT 363(Intro. To Microelectronics) | EMCH 368(Mechatronics) |

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|------|-------------------------------------|--|
| 2023 | Spring Classes-18hrs | Fall Classes-18hrs |
| | ELCT 301(Electronics Laboratory) | ELCT 302(Real-Time Systems Laboratory) |
| | ELCT 321(Digital Signal Processing) | ELCT 331(Control Systems) |
| | ELCT 371(Electronics) | ELCT 350(Computer Modeling of Elect. Sys.) |
| | EMCH 332(Kinematics) | EMCH 354(Heat Transfer) |
| | EMCH 371(Materials) | EMCH 377(Manufacturing) |
| | EMCH 362(Laboratory 2) | EMCH 367(Controls) |

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|------|--------------------------------|-------------------------------------|
| 2024 | Spring Classes-12hrs | Fall Classes-18hrs |
| | ECON 421 | ELCT 403(Capstone Design Project 1) |
| | MUSIC 110 | EMCH 427(Design 1) |
| | CC-CMS & VSR Overlay(elective) | ELCT 332 |
| | HIST 111 | ELCT electives |
| | EMPTY | ELCT electives |
| | EMPTY | EMCH elective |

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|------|-------------------------------------|--------------|
| 2025 | Spring Classes-6hrs | Fall Classes |
| | ELCT 404(Capstone Design Project 2) | |
| | EMCH 428(Design 2) | |
| | EMPTY | |
| | EMPTY | |
| | EMPTY | |

OPTIMISTIC SCHEDULE

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|------|----------------|--|
| 2021 | Spring Classes | Fall Classes-15hrs |
| | | EMCH 201(Intro to Applied Numerical Methods) |
| | | EMCH 260(Intro to Mechanics of Solids) |
| | | EMCH 290(Intro to Thermodynamics) |
| | | EMCH 310(Dynamics) |
| | | EMCH 380(Project Management) |

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|------|--------------------------------------|---|
| 2022 | Spring Classes-18 hrs | Fall Classes-22hrs |
| | EMCH 308(Introduction to FEA) | CSCE 212(Intro. To Computer Architecture) |
| | CSCE 211 (Digital Logic Design) | ELCT 201(Introductory Elect. Engr. Lab) |
| | ELCT 221 (Circuits) | ELCT 222(Signals & Systems) |
| | EMCH 327(Machine Design) | EMCH 360(Fluid Mechanics) |
| | ELCT 361(Electromagnetics) | EMCH 361(Laboratory 1) |
| | ELCT 363(Intro. To Microelectronics) | EMCH 368(Mechatronics) |
| | | MUSC 110 |

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|------|-------------------------------------|--|
| 2023 | Spring Classes-21hrs | Fall Classes-21hrs |
| | ELCT 301(Electronics Laboratory) | ELCT 302(Real-Time Systems Laboratory) |
| | ELCT 321(Digital Signal Processing) | ELCT 331(Control Systems) |
| | ELCT 371(Electronics) | ELCT 350(Computer Modeling of Elect. Sys.) |
| | EMCH 332(Kinematics) | EMCH 354(Heat Transfer) |
| | EMCH 371(Materials) | EMCH 377(Manufacturing) |
| | EMCH 362(Laboratory 2) | EMCH 367(Controls) |
| | PHIL 325 | HIST 111 |

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|------|----------------------|-------------------------------------|
| 2024 | Spring Classes-15hrs | Fall Classes-6hrs |
| | ECON 421 | ELCT 403(Capstone Design Project 1) |
| | ELCT 332 | EMCH 427(Design 1) |
| | ELCT electives | EMPTY |
| | ELCT electives | EMPTY |
| | EMCH elective | EMPTY |
| | EMPTY | EMPTY |
| | EMPTY | EMPTY |

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|------|-------------------------------------|--------------|
| 2025 | Spring Classes-6hrs | Fall Classes |
| | ELCT 404(Capstone Design Project 2) | |
| | EMCH 428(Design 2) | |
| | EMPTY | |

2025

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| EMPTY | |
| EMPTY | |
| EMPTY | |
| EMPTY | |

BURNOUT SCHEDULE

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| 2021 | Spring Classes | Fall Classes-15hrs |
| | | EMCH 201(Intro to Applied Numerical Methods) A |
| | | EMCH 260(Intro to Mechanics of Solids) A |
| | | EMCH 290(Intro to Thermodynamics) A |
| | | EMCH 310(Dynamics) B |
| | | EMCH 380(Project Management) A |

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|------|--------------------------------------|---|
| 2022 | Spring Classes-18 hrs | Fall Classes-16hrs |
| | EMCH 308(Introduction to FEA) | ELCT 201(Introductory Elect. Engr. Lab) |
| | CSCE 211 (Digital Logic Design) | ELCT 222(Signals & Systems) |
| | ELCT 221 (Circuits) | EMCH 360(Fluid Mechanics) |
| | EMCH 327(Machine Design) | EMCH 361(Laboratory 1) |
| | ELCT 361(Electromagnetics) | EMCH 368(Mechatronics)(4 credit) |
| | ELCT 363(Intro. To Microelectronics) | |

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|------|----------------------------------|--|
| 2023 | Spring Classes-15hrs | Fall Classes-15hrs |
| | ELCT 301(Electronics Laboratory) | ELCT 302(Real-Time Systems Laboratory) |
| | ELCT 371(Electronics) | ELCT 331(Control Systems) |
| | EMCH 332(Kinematics) | ELCT 350(Computer Modeling of Elect. Sys.) |
| | EMCH 371(Materials) | EMCH 354(Heat Transfer) |
| | EMCH 362(Laboratory 2) | CSCE 212(Intro. To Computer Architecture) |

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|------|---|-------------------------------------|
| 2024 | Spring Classes-15hrs | Fall Classes-15hrs |
| | ELCT 321(Digital Signal Processing) | ELCT 403(Capstone Design Project 1) |
| | EMCH 377(Manufacturing) | EMCH 427(Design 1) |
| | EMCH 367(Controls) | ELCT 332 |
| | EMCH elective | ELCT electives |
| | CC-CMS & VSR Overlay (Engineering Ethics) | ELCT electives |

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|------|-------------------------------------|--------------|
| 2025 | Spring Classes-15hrs | Fall Classes |
| | ELCT 404(Capstone Design Project 2) | |
| | EMCH 428(Design 2) | |
| | ECON 421 | |
| | MUSIC 110 | |
| | HIST 111 | |

MTC CLASSES->

SP 2019

FA 2019

ENGL 101

CHEM 111

ENGL 102

EMCH ELECTIVES

EMCH 308

SU 2020

FA 2020

EMCH 441

MATH 142

ELCT 101

EMCH 460

PHYS 211

EMCH 111

EMCH 497

EMCH 200

ELCT 220

EMCH 500-600

MATH 242

sp 2020

CHEM 112

MATH 141

SP 2021

MATH 241

PHYS 212

STAT 509

ELCT 102

CSCE 146

PSYC 101