Undergraduate Technical Electives Accepted for MSME

MSME students can take up to two courses as their Technical Electives from the following list.

- ME 135 – Intro to Composite Materials
- ME 136 – Design for Manufacturability
- ME 165 – Computer Aided Design in ME
- ME 170 – Solar Energy Engineering
- ME 172 – Alternative & Renewable Energy
- ME 181 – Fundamentals of Biosensors
- ME 183 – HVAC Systems Design
- ME 185 – Hybrid and Electric Vehicle Fund.
- ME 186 – Automotive Engineering
- ME 187 – Automatic Control Systems Design
- ME 189 – Design and Manuf. Of Microsystems

Notes

1) All undergraduate courses used towards an MSME degree must be approved by the Graduate Advisor in advance.
2) A course from this list can’t be taken if it has been completed as a part of the BSME program at SJSU.
3) Graduate courses from other departments may be allowed with advance approval from the Graduate Advisor.
4) Either ME 187 OR ME 280 can be used towards a student's graduation, but not both.