

	2022-2023
	BS Electrical Engineering
	<a href="mailto:aeldek@lamar.edu">aeldek@lamar.edu</a> , 409-880-8747

*Provide a brief description of how assessment results have been used for program improvement. Point to a specific example of*

<p>Help students develop a strong theoretical foundation</p>	<p>An ability to identify, formulate, and solve engineering problems</p>	<ul style="list-style-type: none"> <li>- Objectives and description identify problem</li> <li>- Design formulates problem by applying STEM</li> <li>- Technical approach applies STEM principles</li> </ul>		<p>4) Exceeds expectations, 3) Meets expectations, 2) Below expectations, 1) Does not meet expectations.</p>	<p style="text-align: right;">*</p> <p>What do the data tell you? How will you use this data? How were data from the last cycle used to make changes during this cycle, and What were the results of those changes?</p>



Successfully continued on the unique Hardware-in-Homework (HiH) integration into upper level theory courses: This novel approach, HiH, provides a laboratory experience to upper division theory courses where students gain hands-on experience via a portable device that the students purchase for use in all of their lab work as well as HiH. Students are given homework assignments that require them to use the test and prototyping equipment that they already know how to use from their lower division formal laboratory work.

Fall 2021: LU Electrical Engineering department, in collaboration with LU Teacher Education department, received funding from the NSF ISUE to improve the quality of online labs for electrical engineering students. This was motivated by feedback from senior exit surveys and input from





BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING				
FALL SEMESTER		SPRING SEMESTER		Year 1
Name	Credits	Name	Credits	Courses
				ENEE 1000
				ENEE 1001
				ENEE 1002
				ENEE 1003
				ENEE 1004
				ENEE 1005
				ENEE 1006
				ENEE 1007
				ENEE 1008
				ENEE 1009
				ENEE 1010
				ENEE 1011
				ENEE 1012
				ENEE 1013
				ENEE 1014
				ENEE 1015
				ENEE 1016
				ENEE 1017
				ENEE 1018
				ENEE 1019
				ENEE 1020
				ENEE 1021
				ENEE 1022
				ENEE 1023
				ENEE 1024
				ENEE 1025
				ENEE 1026
				ENEE 1027
				ENEE 1028
				ENEE 1029
				ENEE 1030
				ENEE 1031
				ENEE 1032
				ENEE 1033
				ENEE 1034
				ENEE 1035
				ENEE 1036
				ENEE 1037
				ENEE 1038
				ENEE 1039
				ENEE 1040
				ENEE 1041
				ENEE 1042
				ENEE 1043
				ENEE 1044
				ENEE 1045
				ENEE 1046
				ENEE 1047
				ENEE 1048
				ENEE 1049
				ENEE 1050
				ENEE 1051
				ENEE 1052
				ENEE 1053
				ENEE 1054
				ENEE 1055
				ENEE 1056
				ENEE 1057
				ENEE 1058
				ENEE 1059
				ENEE 1060
				ENEE 1061
				ENEE 1062
				ENEE 1063
				ENEE 1064
				ENEE 1065
				ENEE 1066
				ENEE 1067
				ENEE 1068
				ENEE 1069
				ENEE 1070
				ENEE 1071
				ENEE 1072
				ENEE 1073
				ENEE 1074
				ENEE 1075
				ENEE 1076
				ENEE 1077
				ENEE 1078
				ENEE 1079
				ENEE 1080
				ENEE 1081
				ENEE 1082
				ENEE 1083
				ENEE 1084
				ENEE 1085
				ENEE 1086
				ENEE 1087
				ENEE 1088
				ENEE 1089
				ENEE 1090
				ENEE 1091
				ENEE 1092
				ENEE 1093
				ENEE 1094
				ENEE 1095
				ENEE 1096
				ENEE 1097
				ENEE 1098
				ENEE 1099
				ENEE 1100
				ENEE 1101
				ENEE 1102
				ENEE 1103
				ENEE 1104
				ENEE 1105
				ENEE 1106
				ENEE 1107
				ENEE 1108
				ENEE 1109
				ENEE 1110
				ENEE 1111
				ENEE 1112
				ENEE 1113
				ENEE 1114
				ENEE 1115
				ENEE 1116
				ENEE 1117
				ENEE 1118
				ENEE 1119
				ENEE 1120
				ENEE 1121
				ENEE 1122
				ENEE 1123
				ENEE 1124
				ENEE 1125
				ENEE 1126
				ENEE 1127
				ENEE 1128
				ENEE 1129
				ENEE 1130
				ENEE 1131
				ENEE 1132
				ENEE 1133
				ENEE 1134
				ENEE 1135
				ENEE 1136
				ENEE 1137
				ENEE 1138
				ENEE 1139
				ENEE 1140
				ENEE 1141
				ENEE 1142
				ENEE 1143
				ENEE 1144
				ENEE 1145
				ENEE 1146
				ENEE 1147
				ENEE 1148
				ENEE 1149
				ENEE 1150
				ENEE 1151
				ENEE 1152
				ENEE 1153
				ENEE 1154
				ENEE 1155
				ENEE 1156
				ENEE 1157
				ENEE 1158
				ENEE 1159
				ENEE 1160
				ENEE 1161
				ENEE 1162
				ENEE 1163
				ENEE 1164
				ENEE 1165
				ENEE 1166
				ENEE 1167
				ENEE 1168
				ENEE 1169
				ENEE 1170
				ENEE 1171
				ENEE 1172
				ENEE 1173
				ENEE 1174
				ENEE 1175
				ENEE 1176
				ENEE 1177
				ENEE 1178
				ENEE 1179
				ENEE 1180
				ENEE 1181
				ENEE 1182
				ENEE 1183
				ENEE 1184
				ENEE 1185
				ENEE 1186
				ENEE 1187
				ENEE 1188
				ENEE 1189
				ENEE 1190
				ENEE 1191
				ENEE 1192
				ENEE 1193
				ENEE 1194
				ENEE 1195
				ENEE 1196
				ENEE 1197
				ENEE 1198
				ENEE 1199
				ENEE 1200
				ENEE 1201
				ENEE 1202
				ENEE 1203
				ENEE 1204
				ENEE 1205
				ENEE 1206
				ENEE 1207
				ENEE 1208
				ENEE 1209
				ENEE 1210
				ENEE 1211
				ENEE 1212
				ENEE 1213
				ENEE 1214
				ENEE 1215
				ENEE 1216
				ENEE 1217
				ENEE 1218
				ENEE 1219
				ENEE 1220
				ENEE 1221
				ENEE 1222
				ENEE 1223
				ENEE 1224
				ENEE 1225
				ENEE 1226
				ENEE 1227
				ENEE 1228
				ENEE 1229
				ENEE 1230
				ENEE 1231
				ENEE 1232
				ENEE 1233
				ENEE 1234
				ENEE 1235
				ENEE 1236
				ENEE 1237
				ENEE 1238
				ENEE 1239
				ENEE 1240
				ENEE 1241
				ENEE 1242
				ENEE 1243
				ENEE 1244
				ENEE 1245
				ENEE 1246
				ENEE 1247
				ENEE 1248
				ENEE 1249
				ENEE 1250
				ENEE 1251
				ENEE 1252
				ENEE 1253
				ENEE 1254
				ENEE 1255
				ENEE 1256
				ENEE 1257
				ENEE 1258
				ENEE 1259
				ENEE 1260
				ENEE 1261
				ENEE 1262
				ENEE 1263
				ENEE 1264
				ENEE 1265
				ENEE 1266
				ENEE 1267
				ENEE 1268
				ENEE 1269
				ENEE 1270
				ENEE 1271
				ENEE 1272
				ENEE 1273
				ENEE 1274
				ENEE 1275
				ENEE 1276
				ENEE 1277
				ENEE 1278
				ENEE 1279
				ENEE 1280
				ENEE 1281
				ENEE 1282
				ENEE 1283
				ENEE 1284
				ENEE 1285
				ENEE 1286
				ENEE 1287
				ENEE 1288
				ENEE 1289
				ENEE 1290
				ENEE 1291
				ENEE 1292
				ENEE 1293
				ENEE 1294
				ENEE 1295
				ENEE 1296
				ENEE 1297
				ENEE 1298
				ENEE 1299
				ENEE 1300
				ENEE 1301
				ENEE 1302
				ENEE 1303
				ENEE 1304
				ENEE 1305
				ENEE 1306
				ENEE 1307
				ENEE 1308
				ENEE 1309
				ENEE 1310
				ENEE 1311
				ENEE 1312
				ENEE 1313
				ENEE 1314
				ENEE 1315
				ENEE 1316
				ENEE 1317
				ENEE 1318
				ENEE 1319
				ENEE 1320
				ENEE 1321
				ENEE 1322
				ENEE 1323
				ENEE 1324
				ENEE 1325
				ENEE 1326
				ENEE 1327
				ENEE 1328
				ENEE 1329
				ENEE 1330
				ENEE 1331
				ENEE 1332
				ENEE 1333
				ENEE 1334
				ENEE 1335
				ENEE 1336
				ENEE 1337
				ENEE 1338
				ENEE