**Textbook List for Spring 2011**

**Intro Engr CS Tech – 20090 – MCEG 1011 – P01**

Engineering Success

3rd Edition

Peter Schiavone

Pearson Prentice Hall

ISBN: 0-13-613053-4

**Intro MCEG Lab – 20185 – MCEG 1021 – P01**

Engineering Graphics Essentials

Text and Video Instruction

3rd Edition

Kirstie Plantenberg

Schroff Development Corporation Publication (SDC)

ISBN: 978-1-58503-459-8

**Thermodynamics I – 20056 – MCEG 2013 –P01**

Thermodynamics

An Engineering Approach

7th Edition

Yunus A. Cengel and Michael A. Boles

McGraw Hill

ISBN: 978-0-07-352932-5

**Thermodynamics I – 20072 – MCEG 2013 – P02**

Thermodynamics

An Engineering Approach

7th Edition

Yunus A. Cengel and Michael A. Boles

McGraw Hill

ISBN: 978-0-07-352932-5

**Materials Science & Engr – 20637 – MCEG 2023 – P01**

Materials Science and Engineering An Introduction

7th Edition

William D. Callister, Jr.

Wiley

ISBN-13: 978-0-471-73696-7

**Measurement Lab – 20095 – MCEG 3011 – P01**

Experimental Methods for Engineers

7th Edition

J.P. Holman

McGraw Hill

ISBN: 0-07-366055-8

**Heat Transfer – 20007 – MCEG 3013 – P01**

Fundamentals of Heat Transfer and Mass Transfer

6th Edition

Frank P. Incropera, David P. DeWitt, Theodore Bergman, and Adrienne S. Lavine

ISBN-13: 987-0-471-45728-2

**Thermal Science Laboratory – 20156 – MCEG 3021 – P01**

No textbook required

**Thermodynamics II – 22450 – MCEG 3023 – P10**

Thermodynamics

An Engineering Approach

8th Edition

Yunus A. Cengel and Michael A. Boles

McGraw Hill

ISBN: 978-0071121767

**Manufacture Lab – 20121 – MCEG 3031 – P01**

No textbook required

**Manufacture Lab – 20127 – MCEG 3031 – P02**

No textbook required

**Manufacture Lab – 21843 – MCEG 30313 – P03**

No textbook required

**Manufacture Proc – 20113 – MCEG 3033 – P01**

Introduction to Manufacturing Processes

3rd Edition

John A. Schey

McGraw Hill

ISBN: 0-07-031136-6

**Machine Design I – 20189 – MCEG 3043 – P01**

Shigley’s Mechanical Engineering Design

9th Edition

R.G. Budynas and J.K. Nisbett

McGraw-Hill Book Company

ISBN: 978-0-07-352928-1

**Fluid Mechanics – 20107 – MCEG 3063 – P01**

Essentials of Fluid Mechanics – Fundamentals and Applications

2008 Edition or Latest Edition

John M. Cimbala and Yunus A. Cengel

McGraw Hill

ISBN: 978-0-07-313835-0

**M Engr Intrnshp I – 21972 – MCEG 3156 – P01**

No textbook required

**Intro to Robotics – 22690 – MCEG 3193 – P01**

Introduction to Robotics

Mechanics and Control

3rd Edition

John J. Craig

Pearson Prentice Hall

ISBN: 0-201-54361-3

**Dynamic and Contr – 20080 – MCEG 4063 – P01**

Theory of Vibration with Applications

5th Edition

William T. Thomson and Marie Dillion Dahleh

Prentice Hall

ISBN: 0-13-651068-X

**M Engr Intrnshp II – 20416 – MCEG 4156 – P01**

No textbook required

**Sen Design II – 20193 – MCEG 4483 – P01**

Fundamentals of Engineering Design

2nd Edition

Barry Hyman

Pearson Education, Inc. (Prentice Hall)

(This is a reference book. Students are not required to buy it)

**Dynamics of Engineering Systems – 22452 – MCEG 5243 – P01**

Graduate Level

**Computational Fluid – 22731 – MCEG 5333 – P01**

Computational Fluid Dynamics

The Basics with Applications

John D. Anderson Jr.

McGraw Hill

ISBN: 0-07-001685-2