

CURRICULUM/GEN ED COMMITTEE
a standing committee of the Education Advisory Committee
Minutes
November 7, 2012
Sylvania CC, Conference Rm B

x	Jim Parks, Chair	x	Torie Scott	x	Melody Wilson
x	Ross Kouzes	x	Mike Guthrie	x	Joe Wright
	Doug Jones	x	Jeremy Estrella	x	Amy Clubb
x	Ed Lindsey	x	Rick Willebrand	x	Linda Fergusson-Kolmes
x	John Sparks		Sherry Hanchett	x	Ivan Kidoguchi

Committee Support:

	Craig Kolins	x	Dorothy Badri	x	Anne Haberkern
x	Stacey Timmins	x	Leslie Hackett	x	Sally Earll
x	Frederick Olson	x	Rayleen McMillan		

Guests:

Doug Smith	Esther Loanzon	Sandy Schramm
Bob Steele	Jan Abushakrah	Terry Foty
Elizabeth Fitzgerald	Laura Horani	Diane Shingledecker

Information Items from the Curriculum Office:
(These items do not require curriculum committee recommendation)

Experimental Courses:

MP 199 – Pharmacology for Health Professionals
ETC 199 – Radio Communications Lab
HST 199S – HST of Science: Ancient-1600CE
CIS 199R – Intro to Ruby Programming
CIS 199 – Intro to Web Analytics

Course Inactivation:

RAD 270 – CT Clinical Education I
RAD 271 – CT Clinical Education II
ARCH 246 – AutoCAD 3D & Solid Modeling

AVS 240 – CFII/MEI Ground
FP 9070 – Major Emergency Tac/Strat
FP 9090 – Incident Command

Available Grading Option:

MCH 280 – CE:Machine Technology

Old Business:

683. FP 207 – Fire Service Based Emergency Medical Service
New Course

Recommend

New Business:

34. OST 099 – On-The-Job Evaluation
Course Revision – Number

Recommend

35. ABE 0783 – ABE Fundamentals of Reading
Contact/Credit Hour Change

Recommend

36. ABE 0784 – ABE Fundamentals of Math

Recommend

37. ABE 0787 – Foundations of Math II
New Course

Recommend repeat limit: 6

and outcomes:

- Draw on life experiences to identify a question or situation that can use a mathematical approach
- Solve problems and make decisions using multiple and effective math strategies
- Understand, interpret and work with concrete objects and symbolic representation (e.g. pictures, numbers, graphs, computer representations)
- Utilize technology to solve a mathematical problem
- Determine the degree of precision best suited to the situations
- be prepared for future math classes

38. BCT 100 – Overview to the Construction Industry
Course Revision – Des, Out

Recommend description:

Introduces construction industry practices in a domestic and national context. Explores the roles and responsibilities of those involved in construction projects from inception to completion. Introduces the various phases of construction including planning, design, documentation, bidding, permitting, pre-construction, supervision, and close-out. Presents the role of planning, scheduling, project organization, and communication in successful project management.

and outcomes:

- Communicate effectively and collaborate on a construction project.

- Recognizing the roles and responsibilities of design professionals, contractors, owners and regulatory agents.
- Distinguishing between the major stages of the construction process.
- Identifying all major building systems and their location on the construction schedule.
- Differentiating between management functions, and explain the primary role each plays in the management of the project.

39. BCT 102 – Residential Printreading

Course Revision – Des, Out

Recommend description:

Covers a collaborative learning framework for the development of print reading skills related to residential building construction. Includes analyzing, interpreting, and measuring plans for relevant construction information. Covers work limited to residential prints.

40. BCT 120 – Floor Framing

Course Revision – Des, Out

Recommend outcomes:

- Estimate floor framing materials
- Lay out floor joists and beams
- Assemble floor system components
- Work collaboratively and communicate effectively with other

41. BCT 121 – Wall Framing

Course Revision – Des, Out

Recommend revision:

Covers wood wall framing methods and principles currently used in residential construction. Includes wall layout and assembly of studs, corners, partitions and openings. Includes calculating material quantities, related codes, structural sheathing, interior wall bracing, bay framing, window box framing, framing arched openings and stair framing construction.

Prerequisite: BCT 106 or instructor permission. Audit available.

and outcomes:

- Estimate wall framing materials
- Lay out and assemble wall framing components
- Work collaboratively and communicate effectively with others

42. BCT 122 – Roof Framing 1

Course Revision – Des, Out

Recommend outcomes:

- Apply math formulas to calculate various different rafter layouts
- Use appropriate terminology when communicating with others
- Lay out walls for rafters and ceiling joists
- Cut and assemble roof parts, framed to meet current building codes

43. BCT 123 – Roof Framing 2

Course Revision – Des, Out

Recommend outcomes:

- Apply math formulas to calculate various different rafter layouts
- Use appropriate terminology when communicating with others
- Lay out walls for rafters and ceiling joists

- Cut and assemble complex roof parts, framed to meet current building codes

44. BCT 128 – Exterior Finish

Course Revision – Des, Out

Recommend

45. BCT 133 – Commercial Materials and Methods

Course Revision – Des, Out

Recommend

46. BCT 134 – Construction Scheduling

Course Revision – Des, Out

Recommend description:

Introduces methods used in planning and scheduling construction projects. Emphasizes the development and proper use of construction schedules, Critical path methods and resource and cost loading. Introduces MS Project computer scheduling software to build and monitor schedules. Recommended: Basic knowledge of Microsoft Windows. Prerequisite: BCT 104 or Instructor permission.

47. BCT 150 – Mechanical, Electrical and Plumbing

Course Revision – Des, Out

Recommend outcomes:

- Communicate effectively and collaborate on a construction project.
- Recognize equipment utilized in mechanical, electrical, plumbing (MEP) and related systems for installation on commercial construction projects.
- Recognize the roles and responsibilities of sub-contractors, vendors, inspectors and systems designers.
- Resolve conflicts between MEP, structure and other systems by collaborating with project team members.
- Coordinate the integration and installation of MEP and related systems on a construction project.

48. BCT 203 – Interior Finish

Course Revision – Des, Out

Recommend

49. BCT 211 – Remodeling

Course Revision – Des, Out

Recommend

50. BCT 222 – Engineering for Constructors

Course Revision – Des, Out

Recommend outcomes:

- Communicate effectively and collaborate on a construction project.
- Identify potential loads and forces acting on a building.
- Identify structural systems and members represented on construction documents.
- Recognize bending moments, shear, deflection buckling, and how they determine the size and configuration of structural members.

51. BCT 223 – Finished Stair Construction

Course Revision – Des, Out

Recommend description:

Covers the material estimation and installation of both open and closed interior residential staircases. Includes newel posts, balustrades, handrails/guardrails, shoerails and tread caps. Emphasizes the methods used to construct finished stairs and relevant building codes.

Prerequisites: BCT 106 or instructor permission. Audit available.

and Outcomes:

- Install interior staircase newel posts, balustrades, handrails/guardrails, shoerails and tread caps.
- To calculate and lay out stair parts to meet current building codes.
- Estimate materials needed to finish stairs.

52. BCT 225 – Construction Project Management

Course Revision – Des, Out

Recommend outcomes:

- Communicate effectively and collaborate on a construction project.
- Recognizing and applying the various delivery systems used in the construction industry.
- Employing risk analysis, constructability, bidding, cost and quality control, and contract management skills.
- Managing contract documentation.
- Writing RFIs, Change Orders, and other required industry correspondence.

53. FP 202 – Fixed Systems and Extinguishers

Course Revision – Number, Title, Des, Out, Req

Recommend outcomes:

Communicate effectively the benefits of fire protection systems in various types of structures and remain up to date on sprinkler legislation.

Communicate effectively the reasons why water is a commonly used extinguishing agent and the basic elements of a public water supply system including sources, distribution networks, piping and hydrants

Utilize skills and knowledge necessary to perform an inspection of different fire alarm systems, recognize the basic components of the systems, and know the appropriate application of fire protection systems.

Apply knowledge of the different types of non-water based fire suppression systems that are used in the response area.

Use an understanding of the hazards of smoke and the four factors that can influence smoke movement in a building to respond appropriately as a firefighter and in educating the public.

Choose the appropriate type of portable fire protection systems for the different types of fire situations and apply the agent properly.

54. FP 203 – Introduction to Firefighting Tactics and Strategy

Course Revision – Number, Des, Out, Req

Recommend

55. FP 211 – Building Construction for Firefighters

Course Revision – Number, Title, Des, Out, Req

Recommend

56. FP 240, 250, 260 – Emergency Service Instructor (I, II, III)

Contact/Credit Hour Change

Recommend

57. FP 240 – Emergency Service Instructor I

Course Revision – Des, Out, Req

Recommend description:

Designed to meet NFPA Standard 1041; Fire and Emergency Services Instructor I. Presents how to organize classroom, laboratory and outdoor learning environments and present prepared lessons utilizing recognized methods of instruction. Includes strategies to adjust and modify presentations based on student learning styles and changing classroom environments. Covers how to write course objectives and student learning outcomes. Prerequisites: WR 121, MTH 65 and COMM 111.

58. DS 103 – Fuel Injection Systems

Course Revision – Out

Postponed at SAC Request

59. DS 106 – PMI/Detroit Diesel Elect Contr

Course Revision – Out

Postponed at SAC Request

60. DS 106 – PMI/Detroit Diesel Electronic Contr

Contact/Credit Hour Change

Postponed at SAC Request

61. GRN 246 – Guardian Conservator Training

Course Revision – Des, Out, Req

Recommend

62. GRN 175 – The Aging Mind

Course Revision – Req

Recommend

63. CIS 122 – Software Design

Course Revision – Des, Out

Postponed at SAC Request

64. CIS 122 – Software Design

Related Instruction

Postponed at SAC Request

65. CIS 133B – Intro Visual Basic.NET Programming

Course Revision – Des, Out, Req

Recommend

66. CIS 133J – Java Programming I

Course Revision – Des, Out, Req

Recommend

67. CIS 233B – Intermediate Visual Basic.NET Programming

Course Revision – Des, Out, Req

Recommend

68. CIS 233J – Java Programming I

Course Revision – Des, Out, Req

Recommend description:

Covers the use of Java to access databases and files including XML. Includes creating collections and arrays and using inheritance in Java programs. Prerequisites: CIS 133J.

Prerequisite/Concurrent: CIS275.

69. CIS 280D – CE: Application Development

Course Revision – Des

Postpone at SAC Request

70. MM 233 – 3D Character Model & Animation

Course Revision – Req

Recommend

71. MM 234 – 3D for Interactivity

Course Revision – Des

Recommend

72. OMT 102 – Pharmacology/Eye Disease I

Course Revision – Title

Postponed at SAC Request

73. OMT 103 – Pharmacology/Eye Disease II

Course Revision – Title, Des

Postponed at SAC Request

74. OMT 106 – Intro to Clinical Skills

Course Revision – Des

Postponed at SAC Request

75. CJA 232 – Intelligence Led Policing

New Course

Recommend

76. MSD 101 – Principles of Management/Supervision
Course Revision – Des, Out

Withdrawn

77. MSD 101 – Principles of Management/Supervision
Related Instruction

Withdrawn

78. MSD 105 – Interpersonal Communication
Course Revision – Title, Des, Out

Withdrawn

79. MSD 105 – Interpersonal Communication
Related Instruction

Withdrawn

80. MSD 107 – Organizations & People
Course Revision – Des, Out

Withdrawn

81. MSD 111 – Corresponding Effectively at Work
Course Revision – Title, Des, Out

Withdrawn

82. MSD 111 – Corresponding Effectively at Work
Related Instruction

Withdrawn

83. MSD 115 – Improving Work Relations
Course Revision – Des, Out

Withdrawn

84. MSD 115 – Improving Work Relations
Related Instruction

Withdrawn

85. MSD 117 – Customer Relations
Course Revision – Des, Out

Withdrawn

86. MSD 200 – Organizations and Social Responsibility
Course Revision – Out

Withdrawn

87. MSD 222 – Human Resource Mgt: Personnel
Course Revision – Des, Out

Withdrawn

88. OS 131 – 10-Key on Calculators

Course Revision – Des, Out

Recommend

89. OS 220 – Business Editing

Course Revision – Des, Out, Req

Recommend

90. OS 240 – Filing and Records Management

Course Revision – Des

Recommend description:

Develops skills for indexing, coding, and cross-referencing documents to be filed. Includes requisitions and charge-outs, records transfer, various filing systems, and an overall view of the role of records management in business including electronic and image records.

Recommended: RD 115; WR 115; and CAS 133 or CAS 140.

91. OS 245 – Office Systems and Procedures

Course Revision – Des, Req

Recommend

92. OS 250 – Creating a Virtual Office

Course Revision – Des

Recommend