



OAKLAND
COMMUNITY COLLEGE
2006-2007 COLLEGE ACADEMIC SENATE
MINUTES OF FEBRUARY 22, 2007
Auburn Hills Campus

The College Academic Senate was called to order at 3:20 p.m. by Chair Mary Ann McGee. The following individuals were present:

Auburn Hills:	S. Dry, J. Farrah, P. Hale, B. Konopka, G. Mays, A. Palmer, A. Racka, G. Rockind, D. Schack
Guests:	J. Brown-Williams, M. Kersten-Hart, V. Love, M. Merritt, S. Miller, M. Pelot, M. Reum-Troia, A. Rungta, D. Swanson
District Office:	J. Harper, G. Haw, L. Nadlicki
Guests:	C. Brantley, L. Crews, P. Dorris, A. Hillberry, J. Jurmo, S. Reif
Highland Lakes:	B. Dubin, E. Fett, D. Fiems, S. Fiems, S. Hanna, L. Mastin, M. Ston, G. May
Orchard Ridge:	G. Faye, L. Gage, M. Kokoszka, M. A. McGee, N. Valenti
Guests:	T. Ingram, M. Myers
Royal Oak/Southfield:	G. Fournier, D. Johnson-Bignotti, B. Sadecki, A. Sargeant, B. Stanbrough, D. Adams, S. Linden
Guests:	

2) Acceptance of Agenda:

MOTION: To add a discussion about the “Auburn Hills Dean’s Search Committee” under New Business. Seconded, passed.

MOTION: To add a “Report from Dr. Shadko” and a “Report from Dr. Reif” under Administration Report. Seconded, passed.

MOTION: To approve the agenda as amended. Seconded, passed.

3) Approval of Minutes:

MOTION: To approve the minutes of January 25, 2007 as written. Seconded, passed.

4) Leadership:

Chair Mary Ann McGee congratulated Mr. Clarence Brantley on his recent appointment as Interim Chancellor.

At last month's Senate meeting, the sunseting process was discussed and a motion was passed to create an ad hoc committee to review the sunseting process. However, Senate Leadership decided it made more sense to refer this charge to the Curriculum Committee.

Senate Leadership also voted to send a memo to the Board, prior to the Special Meeting that was held last week to select an Interim Chancellor, requesting that constituent groups within the College select their own representation to Search Committees and that all groups be represented. As a result, the represented number has been increased from five to eight faculty members.

5) Presentation:

- Electronic Curriculum Forms

Mary Kay Lawless reported that members of the Curriculum Committee and Michelle Kersten-Hart have been working on the development of Electronic Curriculum Forms for a few years. The "Curriculum Handbook" was recently changed to make it more understandable and grammatically correct and a copy will be on Infomart. They provided a sample of how the "Program/Degree Proposal Form" would look online. The form can be filled out manually or electronically. It would be posted with proposed changes and how the information is currently in the catalog. The Curriculum Committee would be able to review the forms at their meeting and make changes immediately. The form would have to be printed for final signatures. The new process would conserve paper and provide efficiency.

MOTION: Move to approve the Curriculum Handbook with new electronic forms that will be placed on Infomart. Seconded, passed.

6) Old Business:

- Cancellation of Sections

Mary Ann McGee reported that the following motion from the AH Campus was tabled at the January Senate meeting for further discussion at the Campus Senates:

MOTION: That 15 students should not be an arbitrary number used to decide when a specific section must be canceled.

MOTION: Move to take motion off the table for discussion. Seconded, passed.

The Senate wished to discuss the motion from the SE Campus as follows:

MOTION: Move to change the present cancellation rule so that exceptions to any set minimum can be made with a Dean's approval in consultation with the department. Seconded.

The AH Campus accepts the SE Campus motion as a friendly amendment to their original motion.

The motion as amended passed.

- Late Enrollment/Schedule Adjustment

Mary Ann McGee read the following motion from the Southeast Campus that was tabled at the January Senate meeting:

MOTION: Move to allow students to register freely up until the first class meeting and prior to the second meeting with a Dean or Academic Supervisor's approval.

Friendly Amendment: Implemented effective Summer I. Seconded.

Mary Ann McGee read the following motions from the Highland Lakes Campus:

MOTION: Walk-in registration will be renamed Final Registration. Seconded.

MOTION: Registration will end with Final Registration, and no registration will be allowed after the end of published business hours on the last day of Final Registration.

MOTION: To take the motion from the Southeast Campus off the table for further discussion. Seconded, passed.

Discussion followed:

- How can Senate approve the SE motion – it is contractual.
- The new process has only been piloted for one semester.
- A recommendation was made to leave the process “as is” until an ad hoc committee reviews the entire registration process.

Shawn Dry presented the following motion from the Auburn Hills Campus Council:

MOTION: To create an ad-hoc committee or review board to examine all aspects related to the registration process and recommend a comprehensive course of action.

The committee or review board should include representation from OCCFA, the business office, enrollment services, financial aid, counseling, administration, Institutional Research and faculty in order to provide all of the necessary perspectives. Seconded.

The Chair restated the SE motion on the floor.

The SE motion failed.

The Senate discussed the first motion from the HL Campus:

- The motion is to deal with students being able to register via touchtone and online after registration ends on the campuses.
- Walk-in registration occurs the last three days before classes start.
- Drop/Add occurs once classes have begun.
- Leanne Nadlicki reported that in the “Summer I/II Schedule of Classes,” the last three days of registration before classes begin is called “Final Registration.”
- The motion is mute because it has already been renamed.

The first motion from HL Campus was voted on.

The motion passed. The motion is an endorsement of Administration to rename registration.

The Senate discussed the second motion from the HL Campus:

- The College has closed the door on students registering the first week of classes.
- What is the implication when students are allowed to register over the weekend?
- The motion, if passed, means that all registration activity will end on Friday.
- Students should be allowed to register up to the first day of classes.
- The “Summer I/II Schedule of Classes” has already been published and it allows students to register online or via the web throughout the weekend.

Friendly Amendment: Registration will end with Final Registration, and no new registrants will be allowed after the end of published business hours on the last day of Final Registration. Seconded.

The question was called.

The motion as amended failed.

Mary Ann McGee highlighted the AH motion.

Friendly Amendment: Move that a report be given to Senate by the May meeting as to the composition of the committee, and a preliminary report provided fall semester. Seconded.

Discussion followed:

- Lloyd Crews reported that Strategic Task Force 2.2 will be convening next month. Anyone can attend the meetings. The purpose of the task force is to review registration issues.
- A Senate subcommittee would report to Senate.
- The task force would make recommendations to CPC and the Chancellor.
- The task force could be asked to report to Senate.
- A committee should be formed to work in an aggressive timeline and the recommendations should be referred to the Strategic Planning Task Force.

The motion as amended passed.

Mary Ann McGee volunteered to send out a call for volunteers to serve on the ad hoc committee.

7) New Business:

- Update on Progress of Wireless Installations at the Campuses

Andy Hillberry provided the Senate with a “Wireless Pilot Report – 2/15/07” and he highlighted the following:

- The OR Pilot began in August 2006 (fall term) and the pilot is scheduled for one year. The estimated number of logons (total, not unique) is 3,000. Only a few students have requested IT support.
- A second pilot was started at the AH Campus in January 2007 (winter term) and the pilot is scheduled for one year. Not many students requested IT support during the first two weeks.
- Assuming the data from the pilots are positive, IT intends on providing wireless connections at all 5 campuses.

Andy Hillberry also reported on other IT projects over the next 5 months as follows:

- Voice over Internet Protocol (VOIP)
- Windows XP Conversion to Windows Vista
- Colleague Upgrade to Release 18

Andy Hillberry also provided a handout on the distribution table entitled, “Daylight Savings Time (DST) – Frequently Asked Questions about: Daylight Savings and Outlook.”

- Update on FERPA Statement

Maurice McCall reported that he has lodged the FERPA statement with legal counsel and he has asked them to review the verbiage for inclusion on the course syllabi. He hopes to have an update by next month’s Senate meeting.

- Update on Copier Problems

Gheretta Harris reported on how the copier problems at the campuses were being resolved as follows:

- HL – on going problem in Highland Hall because the copier is near the end of its lease. A loaner machine has been installed to reduce the load, and a high volume machine will be installed when the lease expires.
- RO – there is a problem with high volume machines. The problems are being analyzed and they are looking at the potential root causes as follows:
 - Equipment – the copy machine was changed on February 22nd with a less mileage machine
 - Environment - made arrangements to move the machine to another temporary location
 - Stock – looking at how to take better care of the paper stock

- Service – the technician is no longer assigned to our account; reviewing service records of these machines vs. other high volume machines at the college
 - In summary, the copiers are being overworked. A potential resolution would be to send larger copying jobs to Duplicating.
- Auburn Hills Dean’s Search Committee

The Auburn Hills Dean’s Search Committee is underway at the campus. However, questions have been raised about the composition of the Search Committee because the Senate wasn’t involved in the selection of the faculty members. Shawn Dry reported that this oversight was accidental and due to inexperience. The process has been corrected and the Campus Senates should be expecting a request for representation. Another dean from a different campus will also be selected to serve on the committee. Mary Ann McGee reported that in 2004 the Senate passed a motion regarding the selection process and required number of faculty and administrators to serve on Search Committees.

8) Standing Committees:

- *Academic Planning/Jayne Lobert*

Shawn Dry reported that the Academic Planning Committee is making progress. Each campus has been asked to submit a Campus Academic Master Plan by April 1st to be reviewed by the College-wide committee.

- *Curriculum/Mary Kay Lawless*

MOTION: To remove items 2, 3, 4 and 5 under “Major Program Revision” for a separate discussion. Seconded, passed.

Mary Ston recommended that obsolete accounting courses be replaced with ACC 1500 instead of ACC 1800 as recommended in the “Major Program Revision” of four CIS courses.

MOTION: Move to submit revisions for items 2, 3, 4 and 5 to the Curriculum Committee. Seconded, passed.

MOTION: To accept the Consent Agenda as amended. Seconded, passed.

- *Curriculum Review/Gail Mays*

Gail Mays reported that the CRC generated a list of 33 potential reviews for the academic year 2007-2008. The approvals to post were received and the Vice Chancellor’s office has now posted for the reviews. The new process is to post for the release time/supplemental contract a year in advance so faculty can determine load if a review is accepted.

- *Student Outcomes Assessment/Vicki Kloosterhouse*

Cathey Maze encouraged the faculty to attend “Faculty Assessment Day” that will be held on March 16th from 9:00 a.m. – 1:00 p.m. at the OR Campus. The focus will be on Critical Thinking and Communicating Effectively: Writing. The goals are to evaluate how well our students are doing in accomplishing the two attributes and if rubric changes

need to be made. Faculty will receive SDUs for attending, and breakfast and lunch will be provided.

- *TMC/Gladys Rockind*

Gladys Rockind highlighted information on a flyer on the distribution table as follows: On Friday, March 30th, Tim Tewalt will be speaking at the OR Campus on the topic of “Virtuality and Actuality: Where Teaching, Learning and Technology Converge.” The keynote speaker will be from 9:00 a.m. to 12 noon and break-out sessions will be held from 1:00 p.m. to 3:00 p.m.

- *College Administrative Services Council/Mary Ston*

Mary Ston reported that CASC did not meet this month.

9) Ad Hoc Committees:

- *Student Life/Lloyd Crews*

Lloyd Crews reported the following:

- He introduced Stacey Jackson, Coordinator of Student Development at the RO/SF Campuses.
- Student Speaker Series were held at the campuses. Recommendations for speakers should be sent to Lloyd Crews.
- He met with SOAC and discussed assessing students and how Student Life can become involved.
- The committee is working on building a Student Leadership Program.
- At the next Student Life meeting, they will define their goals for next year and a report will be made to Senate at a future meeting.

- *General Education Attributes/Gail Mays*

Gail Mays reported that the committee met on Discipline Day and developed a philosophy to look at what the outcomes might be. The committee will continue to fine-tune the philosophy before brought to Senate.

- *Higher Learning Commission/Mary Ann McGee*

Mary Ann McGee reported that they are meeting with the Criterion Committees. Rough drafts of the five criterion chapters will be available by the end of May.

- *On-line Distance Education/Gladys Rockind*

Gladys Rockind reported that the committee is scheduled to meet on March 21st at 3:15 p.m. at the AH Campus. She encouraged new members to join the committee.

10) Administration:

Clarence Brantley announced with sadness that Trustee Janice Simmons had just passed away.

Steve Reif reported on behalf of the Global Education Committee. Their initiatives are as follows:

- The itinerary for 10 students visiting the College from Oaxaca has been completed for the month of March.
- The committee has offered to Host the Midwest Institute Conference in April 2008.

- A new Global Business Course is currently going through the curriculum process for approval – implementation fall 2008.
- Faculty are currently working to develop a new Option for Business in the Associate Degree in Business Administration and a Global Studies option in the Liberal Arts Degree.
- The committee is investigating an opportunity for an educational exchange with the Jiangxi Agricultural University in China.
- The committee has arranged for the Gulag Prison Exhibit at both AH and RO Campuses in November 2008.
- Efforts are being made to invite a Fulbright scholar to the College for a month.
- A speaker has been engaged to present a PDTC session on the “Many Faces of Islam.”
- The “Nadanta Group” will present the dances of India on Friday, April 13 at 7:30 p.m. at the OR Campus.

Jackie Shadko reported that the Diversity Committee currently consists of 17 members and three slots are for faculty; however, there are two vacant faculty positions. Chancellor’s Cabinet discussed the make-up of the Diversity Committee and they would like to expand faculty representation from three slots to five. Therefore, the committee is looking to fill four faculty positions. Faculty members were encouraged to join the committee via their Campus Senates. The committee presently meets on the fourth Tuesday of the month from 1:30 – 3:30 p.m. at the OR Campus. The time will be reexamined for the next academic year.

11) Community Comments:

MOTION: That the CAS express a sense of loss and condolence to the Simmons family. Seconded, passed.

Mary Ann McGee will take care of this request on behalf of the Senate.

Nick Valenti announced that he had complimentary tickets available to the “Music Faculty Showcase” at the OR Campus on Friday, February 23rd.

12) Adjournment:

Meeting adjourned: 5:00 p.m.

Respectfully submitted,

Nick Valenti, Secretary

Nancy K. Szabo, Recording Secretary

COLLEGE CURRICULUM / INSTRUCTION COMMITTEE
Academic Senate Consent Agenda
February 22, 2007
Auburn Hills Campus

MINOR COURSE REVISIONS

1. EXL-1510 Exercise Physiology
Change course code to **EXL-2010**. The courses will be equated. Target date for first offering is Fall 2007.
2. EXL-1520 Testing and Measurement in Exercise Physiology
Change course code to **EXL-2020**. The courses will be equated. Target date for first offering is Fall 2007.
3. THE-1561 Introduction to Theatre
Change course description. Target date for first offering is Fall 2007.
4. THE-1571 Acting I
Change course description. Target date for first offering is Fall 2007.
5. THE-1580 Acting II
Change course description. Change prerequisite to "THE-1571" only (remove "or consent of instructor" option). Target date for first offering is Fall 2007.
6. THE-1990 Fundamentals of Directing
Change course description. Target date for first offering is Fall 2007.

MAJOR COURSE REVISIONS

None

NEW COURSES

1. CMN-1100 Introduction to Construction Management
This is a 3-credit course with a Group "A" Classification (35 students). There are no course fees or prerequisites. Target date for first offering is Fall 2007.
2. CMN-1200 Construction Building Systems and Materials
This is a 3-credit course with a Group "A" Classification (35 students). There is a \$150 course fee. There are no prerequisites. Target date for first offering is Fall 2007.
3. CMN-1300 Construction Surveying
This is a 3-credit course with a Group "A" Classification (35 students). There is a \$50 course fee. The prerequisites are: CMN-1100, CMN-1200 and MAT-1560 or MAT-1630. Target date for first offering is Fall 2007.
4. CMN-1400 Construction Safety
This is a 3-credit course with a Group "A" Classification (35 students.) There are no course fees or prerequisites. Target date for first offering is Fall 2007.

5. CMN-1500 Construction Drawings
This is a 3-credit course with a Group "A" Classification (35 students). There is a \$50 course fee. The prerequisites are: CMN-1100 and CMN-1200. Target date for first offering is Fall 2007.
6. CMN-1700 Quantitative Analysis of Construction Drawings
This is a 3-credit course with a Group "A" Classification (35 students). There is a \$50 course fee. The prerequisites are CMN-1100, CMN-1200 and CMN-1500. Target date for first offering is Winter 2008.
7. CMN-2100 Construction Contracts and Administration
This is a 3-credit course with a Group "A" Classification (35 students.) There are no course fees or prerequisites. Target date for first offering is Fall 2007.
8. CMN-2300 Construction Law
This is a 3-credit course with a Group "A" Classification (35 students). There are no course fees or prerequisites. Target date for first offering is Winter 2008.
9. CMN-2500 Construction Estimating and Bidding Techniques
This is a 3-credit course with a Group "A" Classification (35 students). There is a \$50 course fee. The prerequisites are: CMN-1100, CMN-1200, CMN-1500, and CMN-1700 or Consent of Instructor. Target date for first offering is Winter 2008.
10. CIS-2845 Computer Forensics
This is a 4-credit course with a Group "B" Classification (25 students). There is a \$40 course fee. The prerequisites are: CIS-2434 and CIS-2838 or CIS-2434 and CIS-2839 or at least 1 year experience with Linux, Windows server and Network security in a medium to large company. Target date for first offering is Fall 2007.
11. EXL-2200 Essentials of Personal Training
This is a 3-credit course with a Group "B" Classification (25 students). There is a \$10 course fee. The prerequisites are: EXL-1500, EXL-2010, EXL-2020, EXL-2032, EXL-2040. Target date for first offering is Fall 2007.
12. EXL-2532 Internships in Exercise II: Special Topics
This is a 4-credit course with a Group "B" Classification (25 students). There is no course fee. The prerequisites are: EXL-1500, EXL-2020, EXL-2032, EXL-2040. Target date for first offering is Fall 2007.
13. THE-1589 Movement for Musical Theatre
This is a 2-credit course with a Group "B" Classification (25 students). There are no course fees or prerequisites. Target date for first offering is Summer 2007.

GEN-ED COURSE ATTRIBUTES

None

GEN-ED DISTRIBUTION LIST

None

MINOR PROGRAM REVISIONS

1. EXS.AAS Exercise Science and Technology
Remove obsolete accounting course ACC-1110 and replace with its equated course, ACC-1500 Accounting for the Small Business Owner in the list of Recommended Electives. Target date for first offering is Fall 2007.
2. EXS.BUS.AASX Exercise Science and Technology Business Option
Remove obsolete accounting course ACC-1110 and replace with its equated course, ACC-1500 Accounting for the Small Business Owner in the list of Recommended Electives. Target date for first offering is Fall 2007.
3. INT.AAS Interior Design
Remove obsolete accounting course ACC-1110 and replace with its equated course, ACC-1500 Accounting for the Small Business Owner in the list of Recommended Electives. Target date for first offering is Fall 2007.
4. THE.ALA Theatre
Add two courses to the list of electives: THE-1589 (2-credits) & THE-1703 (3-credits). Number of required credits does not change. Target date for first offering is Fall 2007.

MAJOR PROGRAM REVISION (10-day notice sent)

1. MGT.CON.AAS Construction Management Option
Change program code to **MGT.CMN.AAS** and offer all required courses at OCC making it an independent program rather than operating under the current joint agreement with EMU. This will allow OCC to seek program accreditation through the American Council for Construction Education (ACCE). OCC will seek an articulation agreement with EMU to allow students to transfer into the Construction Management Bachelor of Science Program after obtaining the Associate in Applied Science degree at OCC. Number of required credits remains unchanged at 65. Target date for first offering is Fall 2007.
2. CIS.CSU.AAS Computer Support Option
Add CIS-1050 Personal Computer Production Tools (MS Office) – 4 credit course to the list of Core Requirements. Replace obsolete accounting courses with ACC-1800 Accounting Procedures – 2 credits. Total number of credits needed is 72. Target date for first offering is Fall 2007.
3. CIS.THS.AAS Information Technologies for Homeland Security Option
Change program code to **CIS.THS.AASX**. Add CIS-1050 Personal Computer Production Tools (MS Office) – 4 credit course to the list of Core Requirements. Replace obsolete accounting courses with ACC-1800 Accounting Procedures – 2 credits. Total number of credits needed is 74, thus making it an extended degree program. Target date for first offering is Fall 2007.
4. CIS.SWE.AAS Software Engineering Option
Change program code to **CIS.SWE.AASX**. Add CIS-1050 Personal Computer Production Tools (MS Office) – 4 credit course to the list of Core Requirements. Replace obsolete accounting courses with ACC-1800 Accounting Procedures – 2 credits. Total number of credits needed is 74, thus making it an extended degree program. Target date for first offering is Fall 2007.

5. CIS.SYA.AAS Systems Analysis Option
Change program code to **CIS.SYA.AASX**. Add CIS-1050 Personal Computer Production Tools (MS Office) – 4 credit course to the list of Core Requirements. Replace obsolete accounting courses with ACC-1800 Accounting Procedures – 2 credits. Total number of credits needed is 74, thus making it an extended degree program. Target date for first offering is Fall 2007.

6. EXS.AAS Exercise Science and Technology
Change program description: Add sentence encouraging students to contact the Program Coordinator when considering this program. Remove Gerontology option. Changes to Major Requirements: Add EXL-2200 (3-credits), replace EXL-2530 (4-credits) with EXL-2532 (4-credits). Changes to Required Supportive Courses: Move MDA-1570 (3-credits) from Required to Recommended, remove PSY-1510 (3-credits) as an “or” option, leaving PSY-2510 (3-credits) as the PSY requirement, replace ENG-1350 (3-credits) with ENG-1510 (3-credits). Change in footnote: For Core Courses** “The major requirements and required supportive courses must be completed with a “C” (2.0) or better grade.” Total number of credits needed remains unchanged at 67. Target date for first offering is Fall 2007.

7. EXS.BUS.AASX Exercise Science and Technology Business Option
Change program description: First paragraph, second sentence to read “Many graduates in the Exercise Science and Technology field seek employment in a management position at a health club or become entrepreneurs in the fitness industry.” Add sentence encouraging students to contact the EXS Program Coordinator when considering this option. Changes to Major Requirements: Add EXL-2200 (3-credits), replace EXL-2530 (4-credits) with EXL-2532 (4-credits). Changes to Required Supportive Courses: Move MDA-1570 (3-credits) from Required to Recommended, remove PSY-1510 (3-credits) as an “or” option, leaving PSY-2510 (3-credits) as the PSY requirement, replace ENG-1350 (3-credits) with ENG-1510 (3-credits). Change in footnotes: **When all courses marked with an asterisk are completed, students may apply for a certificate in EXS.CT” **Core Courses “The major requirements and required supportive courses must be completed with a “C” (2.0) or better grade.” Total number of credits needed remains unchanged at 80. Target date for first offering is Fall 2007.

NEW PROGRAMS/DEGREES (10-day notice sent)

None

NEW PROGRAM OPTIONS (10-day notice sent)

1. MGT.CMP.AAS Construction Management Professional
Number of required credits is 69. Designed for skilled-trade workers who desire to advance their careers or obtain further construction management skills. Qualified candidates will be granted a block of 22 credit hours to be applied to the MGT.CMP.AAS program only. Target date for first offering is Fall 2007.

CERTIFICATE REVISIONS (10-day notice sent)

1. EXS.CT Exercise Science and Technology Certificate
Changes to Major Requirements: Add EXL-2200 (3-credits), replace EXL-2530 (4-credits) with EXL-2532 (4-credits). Remove MDA-1570 (3-credits) from Required Supportive Courses. Total number of credits needed remains unchanged at 42. Target date for first offering is Fall 2007.

NEW CERTIFICATES (10-day notice sent)

1. MGT.CMN.CT Construction Management Certificate
Number of required credits is 36. Appropriate for students who do not want a degree, but desire the knowledge to excel in their current or future employment. Target date for first offering is Fall 2007.

NEW CERTIFICATES OF ACHIEVEMENT (10-day notice sent)

1. MGT.CPM.CA Construction Project Management CA
Number of required credits is 19. Emphasis on management duties and management theories needed to properly organize and lead a construction project. Target date for first offering is Fall 2007.
2. MGT.CCA.CA Construction Contract Administrator CA
Number of required credits is 18. Emphasis on legalities associated with construction contracts. Target date for first offering is Fall 2007.
3. MGT.CM.CA Construction Management CA
Number of required credits is 19. Emphasis on the importance of marketing to obtain construction projects and how a construction company can increase their visibility. Target date for first offering is Fall 2007.
4. MGT.CBO.CA Construction Business Owner CA
Number of required credits is 19. Emphasis on the operation of a small construction business. Target date for first offering is Fall 2007.
5. MGT.CCM.CA Concrete Construction Manager CA
Number of required credits is 12. Emphasis on concrete technology. Upon completion of CCM-1500, CCM-2000 and CCM-2500, students will be prepared to take the State of Michigan Concrete Testing Technician certification exam Levels I and II. Target date for first offering is Fall 2007.

OTHER BUSINESS

None